



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5015

SERIAL NUMBER 10/816,807	FILING DATE 04/05/2004  RULE	CLASS 366	GROUP ART UNIT 1723	ATTORNEY DOCKET NO. 251305US3
-----------------------------	---------------------------------------	--------------	------------------------	-------------------------------------

APPLICANTS

Hiroshi Ueda, Takasago-shi, JAPAN;  
 Kazuyoshi Imuta, Takasago-shi, JAPAN;  
 Masahiko Kashiwa, Takasago-shi, JAPAN; Shoji Yasuda, Takasago-shi, JAPAN;  
 Shin Hotani, Takasago-shi, JAPAN;

\*\* CONTINUING DATA \*\*\*\*\*  
*none*  
*RW*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*  
 JAPAN 2003-140600 05/19/2003  
*RW*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 06/21/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance <i>and</i> <i>LS</i> Examiner's Signature Initials	STATE OR COUNTRY JAPAN	SHEETS DRAWING 6	TOTAL CLAIMS 5	INDEPENDENT CLAIMS 1
---	--	------------------------------	------------------------	----------------------	----------------------------

ADDRESS  
 22850  
 OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.  
 1940 DUKE STREET  
 ALEXANDRIA, VA  
 22314

TITLE  
 Screw with heat exchange function, mixer and extruder

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
------------	---	--